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PHOTOGRAPHIC INTERPRETATION REPORT



SEPTEMBER SUMMARY REPORT

SELECTED TARGETS
NORTH VIETNAM AND LAOS

NPIC/R-368/65
NOVEMBER 1965

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>BAN HOUET SAI AIRFIELD 3 NM ESE OF BAN HOUET SAI. 25X1D COMOR [REDACTED] APPROXIMATELY 3,200 X [REDACTED] NW/SE NATURAL SURFACE RUNWAY, SERVICEABLE. LANDING LIGHTS OBSERVED. OB -- 1 C-47. [REDACTED]</p>	2014N 10027E	0556	25X1A [REDACTED]	19
<p>MILITARY INSTALLATIONS</p> <p>MUONG LUONG NAM THA MILITARY CAMPS TWO MILITARY CAMPS REFERENCED FROM MUONG LUONG NAM THA. COMOR [REDACTED] CAMP A (IMMEDIATELY SE AT UTM QD502197) -- WALLED CAMP CONTAINS 4 BARRACKS-TYPE, 2 ADMINISTRATION-TYPE, 3 LARGE RECTANGULAR MAINTENANCE/STORAGE, AND 2 SUPPORT BUILDINGS. NUMEROUS TRENCH SYSTEMS AND AW POSITIONS OBSERVED IN IMMEDIATE AREA. CAMP B (IMMEDIATELY NNW AT UTM QD509179) -- CAMP CONTAINS 5 BARRACKS-TYPE, 2 ADMINISTRATION-TYPE, AND 5 SUPPORT BUILDINGS. APPROXIMATELY 8 AW POSITIONS OBSERVED WITHIN AREA. [REDACTED]</p>	2057N 10128E	0616		121-A

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	<p>25X1D</p> <p>MUONG SING MILITARY AREA MUONG SING AND VICINITY. COMOR [REDACTED] MILITARY AREA COMPRISES A CITADEL SURROUNDED BY A MOAT IN SE SECTION OF MUONG SING, WITH 3 BARRACKS-TYPE, 1 ADMINISTRATION- TYPE, 3 SUPPORT, AND 1 MAINTENANCE/STORAGE BUILDING. IMMEDIATELY NE OUTSIDE CITADEL ARE 3 BARRACKS-TYPE, 1 ADMINISTRATION-TYPE, AND 3 STORAGE/SUPPORT BUILDINGS. TRENCHING OBSERVED THROUGHOUT AREA.</p>	2111N 10110E	0616		130-C
25X1D	[REDACTED]				
25X1A	<p>PHONG SALLY BARRACKS AREA 0.1 NM NORTH OF PHONG SALLY. COMOR [REDACTED] A SMALL PROBABLE MILITARY AREA CONTAINS 3 BARRACKS, 6 STORAGE/SUPPORT, AND 2 BUILDINGS UNDER CONSTRUCTION.</p>	2141N 10206E	0616	25X1A [REDACTED]	134-B
25X1D	[REDACTED]				
25X1A	<p>URBAN COMPLEXES</p> <p>BAN HOUET SAI COMPLEX ON MEKONG RIVER. COMOR [REDACTED] SMALL RESIDENTIAL TOWN LESS THAN 1 SQ MI IN AREA. SMALL POSSIBLE MILITARY CAMP OBSERVED ON SE EDGE OF TOWN.</p>	2018N 10026E	0556	25X1A [REDACTED]	19-C

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25X1C [REDACTED]

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]				
	-NORTH VIETNAM-				
	MISSILES			25X1A	
	HANOI SAM SITE C18-2	2032N 10554E	0616	[REDACTED]	392-A
25X1A	29.3 NM SSW OF HANOI AT UTM WH951711. COMOR [REDACTED] SITE CONTAINS 6 PARTIALLY REVETTED LAUNCH POSITIONS, A CAMOUFLAGED OCCUPIED CENTRAL GUIDANCE AREA, AND 3 SMALL TENTS. OB -- 6 MISSILES ON LAUNCHERS IN LAUNCH POSITIONS AND 6 CANVAS-COVERED MISSILE TRANSPORTERS.				
25X1D	[REDACTED]				
	HANOI SAM SITE B17-2	2047N 10554E	0616	[REDACTED]	114-G
25X1A	15 NM SSE OF HANOI AT UTM WH948982. COMOR [REDACTED] SITE CONTAINS 6 LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE- HOLD POSITIONS. OB -- NONE OBSERVED.				
25X1D	[REDACTED]				
	HANOI SAM SITE B21-2	2051N 10545E	0616	[REDACTED]	114-H
25X1A	11 NM SW OF HANOI AT UTM WJ786072. COMOR [REDACTED] COMPLETED SITE CONSISTS OF 6 LAUNCH REVTMENTS, A CENTRAL GUIDANCE REVETMENT, AND				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	3 MISSILE-HOLD REVENMENTS. OB --- NONE OBSERVED. [REDACTED]				
25X1A	HANOI SAM SITE A17-2 9.5 NM SSE OF HANOI AT UTM WJ945081. COMOR [REDACTED] SITE IN EARLY STAGE OF CONSTRUCTION CONSISTS OF 6 LAUNCH POSITIONS, A GUIDANCE POSITION, AND AT LEAST 1 MISSILE HOLD POSITION IN A POSSIBLE LINK CONFIGURATION. OB --- NONE OBSERVED. [REDACTED]	2052N 10554E	0616	25X1A [REDACTED]	266-D
25X1A	HANOI SAM SITE B25-2 14.5 NM SW OF HANOI AT UTM WJ641127. COMOR [REDACTED] SITE CONTAINS 6 UNREVENED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, 1 MISSILE-HOLD POSITION, AND 2 PROBABLE MISSILE-HOLD POSITIONS. OB --- NONE OBSERVED. [REDACTED]	2054N 10536E	0616	[REDACTED]	266-E
25X1A	HANOI SAM SITE A19-2 6.6 NM SOUTH OF HANOI AT UTM WJ880140. COMOR [REDACTED] SITE CONSISTS OF 6 REVENED LAUNCH POSITIONS AND A POSSIBLE REVENED UNOCCUPIED GUIDANCE AREA. OB -- 6 LAUNCHERS IN LAUNCH POSITIONS AND 1	2055N 10550E	0616	[REDACTED]	266-F

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	POSSIBLE MISSILE TRANSPORTER. [REDACTED]			25X1A	
25X1A	HANOI SAM SITE A24-2 8 NM SW OF HANOI AT UTM WJ759164. COMOR [REDACTED] THE SITE CONSISTS OF 6 PARTIALLY REVETTED LAUNCH POSITIONS, 2 MISSILE-HOLD POSITIONS, AND 1 PROBABLE MISSILE-HOLD POSITION. NO CENTRAL GUIDANCE IDENTIFIED. OB -- NONE OBSERVED.	2056N 10543E	0616	[REDACTED]	256-F
25X1D	[REDACTED]				
25X1A	HAIPHONG SAM SITE A29-2 7 NM W OF HAIPHONG AT UTM XJ631092. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVVETTED CENTRAL GUIDANCE AREA, AND 3 MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED.	2052N 10634E	0616	[REDACTED]	109-S
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE B12-2 13 NM ESE OF HANOI AT UTM XJ111165. COMOR [REDACTED] COMPLETED SITE CONTAINS 6 LAUNCH POSITIONS, 3 MISSILE HOLD REVETMENTS, AND A CENTRAL GUIDANCE REVETMENT IN LINK CONFIGURATION. OB -- NONE OBSERVED.	2056N 10604E	0616	[REDACTED]	312-A
25X1D	[REDACTED]				
	HANOI SAM SITE A11-2 2.1 NM SE OF SE END OF NW/SE RUNWAY AT	2100N 10555E	0616	[REDACTED]	114-I

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	HANOI/GIA LAM AIRFIELD AND 4.5 NM ESE OF HANOI AT UTM WJ966233. COMOR [REDACTED] SITE APPARENTLY COMPLETED CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 MISSILE HOLD-POSITIONS IN STAR CONFIGURATION. OB -- NONE OBSERVED.				
25X1D	[REDACTED]			25X1A	
25X1A	HANOI SAM SITE A10-2 8 NM EAST OF HANOI AT UTM XJ018246. COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A PARTIALLY REVETTED CENTRAL GUIDANCE POSITION IN PROBABLE STAR CONFIGURATION. OB -- NONE OBSERVED.	2101N 10558E	0616	[REDACTED]	114-K
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE B29-2 11.4 NM WNW OF HANOI AT UTM WJ677300. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, AN UNREVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD POSITIONS. SITE IS IN LINK CONFIGURATION. OB -- 6 MISSILES ON LAUNCHERS IN LAUNCH POSITIONS, 5 MISSILE TRANSPORTERS, 1 FAN SONG RADAR, AND 8 ASSOCIATED VANS.	2104N 10539E	0616	[REDACTED]	462-K
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE A29-2 COMOR [REDACTED] IDENTIFICATION ONLY.	2104N 10541E	0616	[REDACTED]	462-J
25X1D	[REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	HANOI SAM SITE C28-2 20.5 NM WNW OF HANOI AT UTM WJ508319. COMOR [REDACTED] SITE CONSISTS OF 6 LAUNCH REVETMENTS, A CENTRAL GUIDANCE REVETMENT, 2 MISSILE-HOLD REVETMENTS, AND 1 PROBABLE MISSILE-HOLD POSITION. NO SERVICE ROADS HAVE BEEN CONSTRUCTED. OB -- NONE OBSERVED.	2105N 10529E	0616	25X1A [REDACTED]	114-J
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE B30-2 12 NM WNW OF HANOI AT UTM WJ678347. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND 2 MISSILE-HOLD POSITIONS IN A STAR CONFIGURATION. OB -- NONE OBSERVED.	2106N 10539E	0616	[REDACTED]	462-L
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE C29-2 28 NM WNW OF HANOI AND 0.8 NM NW OF CAM DAI ARMY BARRACKS AT UTM WJ387414. COMOR [REDACTED] SA-2 SITE CONSISTS OF 6 COMPLETED LAUNCH REVETMENTS AND A COMPLETED CENTRAL GUIDANCE REVETMENT. OB -- NONE OBSERVED.	2110N 10522E	0616	[REDACTED]	200-B
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE C30-2 30 NM WNW OF HANOI AT UTM WJ374461 JUST SOUTH OF PHU NHIEU BARRACKS AND STORAGE. COMOR [REDACTED]	2113N 10521E	0616	[REDACTED]	200-C

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		Target Numbers			
		BE		NPIC	
25X1D	SITE CONSISTS OF 6 LAUNCH REVETMENTS AND A CENTRAL GUIDANCE REVETMENT, ALL COMPLETED. CABLE TRENCHES EXTEND OUTWARD FROM THE CENTRAL GUIDANCE REVETMENT TO EACH LAUNCH REVETMENT. DEBRIS REMAINS IN THE CENTRAL GUIDANCE AREA INDICATING PREVIOUS OCCUPANCY. FIVE OF THE LAUNCH REVETMENTS CONTAIN GROUND IMPRINTS IN A PATTERN THAT SUGGESTS THEY WERE FORMED BY A CRUCIFORM-SHAPED LAUNCH BASE. OB -- NONE OBSERVED.				
25X1A	HANOI SAM SITE D31-2 33.5 NM NW OF HANOI AT UTM WJ381611. COMOR [REDACTED] SITE CONTAINS 6 PARTIALLY REVETTED LAUNCH POSITIONS OF IRREGULAR CONFIGURATION AND A CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2121N 10522E	0616		378-A
25X1D	THANH HOA SAM SITE B28-2 11 NM WNW OF THANH HOA AT UTM WG615924. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, CENTRAL GUIDANCE AREA, AND 2 REVETTED MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED.	1949N 10535E	0617		126-P
25X1A	AIR INSTALLATIONS DO SON AIRFIELD 0.4 NM EAST OF DO SON. COMOR [REDACTED]	2042N 10648E	0616		106

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>3,600 X 150 FT N/S SOD RUNWAY, UNSERVICEABLE, APPARENTLY ABANDONED.</p> <p>THE 18 PARKING REVETMENTS ON WEST SIDE OF RUNWAY ARE DETERIORATING. APPARENTLY UNOCCUPIED FACILITIES ON EAST SIDE OF RUNWAY INCLUDE 2 LARGE HANGARS AND SEVERAL BARRACKS. SEVERAL BUILDINGS AT SOUTH END OF FIELD HAVE BEEN RAZED. TWO PROBABLY ABANDONED POL TANKS OBSERVED 1,800 FT SSW OF SOUTH END OF RUNWAY. CB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2048N 10636E	0616	25X1A	109-B
25X1A	<p>HAIPHONG/KIEN AN AIRFIELD</p> <p>5 NM SW OF HAIPHONG.</p> <p>COMOR [REDACTED]</p> <p>5,900 X 80 FT NE/SW CONCRETE RUNWAY, UNSERVICEABLE. RUNWAY IS BEING WIDENED AND RESURFACED.</p> <p>FACILITIES INCLUDE PARALLEL TAXIWAY TO THE SOUTH WITH 2 END-CONNECTING AND 4 CROSSOVER LINKS, 2 PARKING APRONS, AND 30 PARKING REVETMENTS. THE PARALLEL TAXIWAY IS ALSO BEING RESURFACED.</p> <p>OB -- 2 PROBABLE CAB.</p> <p>[REDACTED]</p>			[REDACTED]	
25X1D	<p>[REDACTED]</p> <p>OB -- 1 CRATE IN FLIGHT 0.7 NM SSE OF RUNWAY CENTER.</p> <p>[REDACTED]</p>			25X1A	
25X1A	<p>HAIPHONG/CAT BI AIRFIELD</p> <p>3.5 NM SE OF HAIPHONG.</p> <p>COMOR [REDACTED]</p> <p>7,700 X 190 FT ENE/WSW CONCRETE RUNWAY,</p>	2049N 10643E	0616	[REDACTED]	109-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>SERVICEABLE. FORMER NNW/SSE CONCRETE RUNWAY IS NOW USED AS A PARKING APRON. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, A PARKING APRON TO THE NORTH, 2 LARGE AND 1 SMALL HANGAR, A CONTROL TOWER/OPERATIONS BUILDING, APPROXIMATELY 40 ASSOCIATED BUILDINGS, AT LEAST 24 OLD AIRCRAFT REVETMENTS AND 8 NEW AIRCRAFT REVETMENTS (WITH EXHAUST VENTS/PERSONNEL EXIT SLITS), AND A POL STORAGE AREA 0.4 NM NORTH CONTAINING 3 LARGE BURIED TANKS. OB -- 5 MAX AND 1 COLT.</p> <p>25X1D [REDACTED]</p> <p>OB -- NONE OBSERVED.</p> <p>25X1D [REDACTED]</p> <p>DIEN BIEN PHU AIRFIELD 0.5 NM NORTH OF DIEN BIEN PHU. COMOR [REDACTED] APPROXIMATELY 4,000 X 90 FT NNW/SSE ASPHALT AND LATERITE RUNWAY WITH NUMEROUS CRATERS, UNSERVICEABLE. FACILITIES INCLUDE 1 ADMINISTRATION AND 3 SUPPORT BUILDINGS. NUMEROUS BOMB CRATERS OBSERVED ADJACENT TO RUNWAY. PILES OF PROBABLE AGREGATE OBSERVED ALONG SSE EDGE OF RUNWAY. OB -- NONE OBSERVED.</p> <p>25X1A [REDACTED]</p> <p>25X1D [REDACTED]</p>				
	2123N 10301E	0616	25X1A [REDACTED]	105

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]			25X1A	
25X1A	<p>HANOI/BAC MAI AIRFIELD</p> <p>2.1 NM SSW OF HANOI CLASSIFICATION YARD.</p> <p>COMOR [REDACTED]</p> <p>4,100 X 110 FT NW/SE CONCRETE AND ASPHALT RUNWAY, SERVICEABLE.</p> <p>FACILITIES INCLUDE A LARGE AND 3 MEDIUM HANGARS, 1 LARGE HANGAR APRON, 1 PARKING APRON, A PARALLEL NATURAL SURFACE TAXIWAY WITH 3 CROSSOVER LINKS, AND A LOOP TAXIWAY CONNECTING THE AIRFIELD WITH THE HANGAR AND PARKING APRONS.</p> <p>SUPPORT FACILITIES INCLUDE A BARRACKS AREA, AN ADMINISTRATION AREA, AND A PERSONNEL HOUSING AREA.</p> <p>A FORMER AIRCRAFT DISPERSAL AREA, JUST WEST OF THE NW END OF THE RUNWAY, HAS BEEN CONVERTED TO A MILITARY-TYPE INSTALLATION. THE 23 FORMER AIRCRAFT REVETMENTS CONTAIN BUILDINGS AND SHEDS.</p> <p>OB -- NONE OBSERVED.</p>	2100N 10550E	0616	[REDACTED]	112-E
25X1D	<p>[REDACTED]</p> <p>OB -- 2 LIAISON.</p> <p>ACTIVITY -- AT LEAST 30 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED SCATTERED ALONG BOTH SIDES OF RUNWAY.</p>				
25X1D	[REDACTED]			25X1A	
25X1A	<p>HANOI/GIA LAM AIRFIELD</p> <p>2.3 NM NE OF HANOI.</p> <p>COMOR [REDACTED]</p>	2102N 10553E	0616	[REDACTED]	114

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D 6,100 X 100 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE, AND 5,800 X 320 FT NW/SE CONCRETE RUNWAY USED AS PARKING AREA. FACILITIES INCLUDE 1 HANGAR, NUMEROUS SUPPORT BUILDINGS, A WEATHER STATION, A POL STORAGE AREA ON NW END OF NW/SE RUNWAY, AND 16 AIRCRAFT REVETMENTS WITH EXHAUST VENTS/ PERSONNEL EXIT SLITS. RUNWAY IS BEING EXTENDED APPROXIMATELY 650 FT AT NNE END WITH GRADING ACTIVITY EXTENDING APPROXIMATELY 1,200 FT BEYOND THE RUNWAY EXTENSION. OB -- NONE OBSERVED.				
25X1D OB -- 5 CRATE, 19 CAB, 12 COLT, 3 HOUND, AND 1 LIAISON.				
25X1A PHUC YEN AIRFIELD 5.8 NM ESE OF PHUC YEN AT UTM WJ840464. COMOR 8,720 X 190 FT ESE/WWN CONCRETE RUNWAY, SERVICEABLE, WITH 1,200 FT OVERRUNS AT EACH END. FACILITIES INCLUDE PARALLEL LOOP TAXIWAY WITH 3 Crossover LINKS, ALERT RAMPS ALONG EACH OF 2 OUTER Crossover LINKS, TWO 1,600 FT PARKING APRONS (1 AT EACH END OF RUNWAY), CA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A CONTROL TOWER, AND AN OPERATIONS BUILDING. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS AND AREA AT	2113N 10548E	0616	25X1A	326-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	<p>WNW END CONTAINS 5 REVETMENTS. APPROXIMATELY 11,000-FT TAXIWAY UNDER CONSTRUCTION LEADS NORTH FROM RUNWAY TO NEW DISPERSAL AREA CONTAINING 23 AIRCRAFT REVETMENTS (6 UNDER CONSTRUCTION). A FIRING-IN BUTT IS NEARING COMPLETION. SECURED POL STORAGE AREA APPROXIMATELY 5,000 FT NNW OF RUNWAY CENTER WITH LOOP SERVICE ROAD CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL-SERVED. OB -- 8 BEAGLE, 53 FAGOT/FRESCO, AND 1 COOT. ACTIVITY -- 10 AAA SITES (7 OCCUPIED) WITHIN 3 NM OF RUNWAY CENTER.</p>				
25X1D	<p>OB -- 3 BEAGLE.</p>				
25X1D	<p>OB -- 3 BEAGLE, 17 PROBABLE AND 4 POSSIBLE FAGOT/FRESCO, AND 24 CRATES (POSSIBLY CONTAINING FAGOT/FRESCO COMPONENTS).</p>				
25X1D	<p>KEP AIRFIELD 1 NM SW OF KEP AT UTM XJ31766E. COMOR 5,975 X 155 FT NE/SW CONCRETE RUNWAY, SERVICEABLE WITH GRADED EARTH OVERRUNS AT EACH END. FACILITIES INCLUDE A CONTROL TOWER/ OPERATIONS BUILDING, 5 BARRACKS/STORAGE BUILDINGS, 9 SMALLER ASSOCIATED BUILDINGS, A WEATHER STATION, AND 16 AIRCRAFT REVETMENTS. AIRFIELD IS SERVED BY A RAIL SPUR FROM THE</p>	2124N 10616E	0616	25X1A	211
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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	HANOI/LANG SON LINE TO THE NE END OF GRADED EARTH OVERRUN. CB -- 8 PROBABLE FAGOT/FRESCO. ACTIVITY -- ONE 8-GUN MEDIUM AAA SITE AND THREE 4-GUN HMGAA SITES, ALL OCCUPIED. [REDACTED]			25X1A	
25X1A	LAI CHAU AIRFIELD IMMEDIATELY SE OF LAI CHAU. CCMR [REDACTED] 2,500 X 100 FT NNE/SSW SOD RUNWAY, PROBABLY UNSERVICEABLE. CB -- NONE OBSERVED. [REDACTED]	2203N 10309E	0616	[REDACTED]	118-A
25X1D	[REDACTED]				
25X1A	LAC CAI AIRFIELD 1 NM SSE OF LAC CAI. CCMR [REDACTED] 2,800 X 250 FT NW/SE SOD RUNWAY, SERVICEABLE. FACILITIES INCLUDE 1 SUPPORT BUILDING AND 2 SMALL SHEDS AT NW END OF RUNWAY. CB -- NONE OBSERVED. [REDACTED]	2229N 10358E	0616	[REDACTED]	5-A
25X1D	[REDACTED]				
25X1A	VINH AIRFIELD 3.5 NM NORTH OF VINH. CCMR [REDACTED] 6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER LINK, 2 ALERT APRONS, A PARKING APRON, 13 REVETTED PARKING PADS, A CONTROL TOWER/OPERATIONS BUILDING, AND SEVERAL	1843N 10540E	0617	[REDACTED]	128-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>MAINTENANCE/SUPPORT BUILDINGS. AIRFIELD SUBJECTED TO AIRSTRIKE. APPROXIMATELY 25 BOMB CRATERS OBSERVED ON AND ADJACENT TO NORTH END OF RUNWAY. OB -- NONE OBSERVED.</p> <p>25X1D</p> <p>BAI THUONG AIRFIELD 1.5 NM SOUTH OF HAI TRACH AND IMMEDIATELY SOUTH OF BAI THUONG MILITARY CAMP AT UTM WH480005. APPROXIMATELY 6,600 X 200 FT N/S RUNWAY UNDER CONSTRUCTION. AREA HAS BEEN SUBJECTED TO AIR STRIKE. NUMEROUS BOMB CRATERS OBSERVED ON RUNWAY AND IN IMMEDIATE AREA. OB -- NONE OBSERVED.</p> <p>25X1D</p> <p>MILITARY INSTALLATIONS</p> <p>HON GAY NAVAL BASE AND SHIP RPR YARD BAI CHAY IMMEDIATELY NORTH OF BAI CHAY AND 1 NM NW OF HON GAY AT UTM YJ148193. COMOR</p> <p>25X1A</p> <p>FACILITIES INCLUDE 2 MULTISTORY BARRACKS,</p>	<p>1953N 10528E</p> <p>2058N 10704E</p>	<p>0617</p> <p>0615</p>	<p>25X1A</p> <p>150--A</p> <p>25X1A</p> <p>109-B</p>	

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25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
1 T-SHAPED ADMINISTRATION, 4 PROBABLE STORAGE, AND 14 PROBABLE MAINTENANCE/REPAIR BUILDINGS, A SMALL MARINE RAILWAY, AND A SMALL T-HEAD PIER. OB -- 1 S.O.1-CLASS SC. OTHER VESSELS -- 1 MEDIUM AND 30 SMALL FREIGHTERS.				
OB -- 1 FLOATING DRYDOCK WITH POSSIBLE S.O.1-CLASS SC, 3 S.O.1-CLASS SC, 2 PROBABLE SWATOW-CLASS PGM, AND 2 PROBABLE YP.				
PORT WALLUT PORT FACILITIES NE EDGE OF ILE DE KE BAO AT UTM YJ675465. COMOR	2112N 10734E	0615	25X1A	103
PORT FACILITIES INCLUDE A QUAY, 2 PIERS, A FLOATING DRYDOCK, 4 LARGE WAREHOUSES, AND APPROXIMATELY 18 SUPPORT BUILDINGS. A SIDE-HAULING MARINE RAILWAY WITH 12 REPAIR WAYS AND A CRADLE HAS BEEN CONSTRUCTED SINCE AND IS NOW OPERATIONAL. VESSELS -- NONE OBSERVED.				
MOC CHAU MILITARY INSTALLATIONS THREE MILITARY AREAS REFERENCED FROM INTERSECTION OF ROUTES 68 AND 6. COMOR	2050N 10437E	0616		122
AREA A (0.3 NM NW AT UTM WJ603058) -- 7 BARRACKS, 3 ADMINISTRATION, 8 STORAGE, 4				

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25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>PARTIALLY DESTROYED, AND 16 MISCELLANEOUS BUILDINGS.</p> <p>AREA B (0.1 NM SOUTH AT UTM VJ606052) -- 7 BARRACKS, 4 ADMINISTRATION, 6 STORAGE, AND 8 MISCELLANEOUS BUILDINGS.</p> <p>AREA C (0.4 NM EAST AT UTM VJ613054) -- 1 PARTIALLY DISMANTLED VEHICLE SHED, 3 STORAGE/ MAINTENANCE, AND 4 OTHER MISCELLANEOUS BUILDINGS.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>25X1A</p> <p>BAN XOM LOM BARRACKS & HQ 335TH INF BRIGADE FIVE AREAS REFERENCED FROM BAN XOM LOM. COMDR [REDACTED]</p> <p>AREA A (0.5 NM SW AT UTM VJ714017) -- 16 BARRACKS-TYPE, 2 ADMINISTRATION, 3 STORAGE (1 DESTROYED), 1 MESSHALL, AND APPROXIMATELY 20 MISCELLANEOUS BUILDINGS.</p> <p>AREA B (AT BAN XOM LOM AT UTM VJ720022) -- 88 BARRACKS-TYPE, 6 ADMINISTRATION, 33 STORAGE (30 DESTROYED), 10 SECURED PROBABLE AMMUNITION STORAGE, 4 MESSHALL, AND NUMEROUS ASSOCIATED BUILDINGS.</p> <p>AREA C (0.5 NM SE AT UTM VJ726017) -- 5 BARRACKS-TYPE, 1 ADMINISTRATION, 1 MESSHALL, AND 20 MISCELLANEOUS BUILDINGS.</p> <p>AREA D (1 NM EAST AT UTM VJ739022) -- 30 BARRACKS-TYPE (8 DESTROYED), 2 ADMINISTRATION, 2 STORAGE, 1 MESSHALL, AND APPROXIMATELY 10 MISCELLANEOUS BUILDINGS.</p>	<p>2050N 10441E</p>	<p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>145</p>

25X1C

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25X1C

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	AREA E (1.8 NM NW AT UTM VJ694056) -- 9 STORAGE AND 3 MISCELLANEOUS BUILDINGS. [REDACTED]				
25X1A	HOAI AN AMMUNITION DEPOT 1 NM NNE OF HOAI AN. COMOR [REDACTED] AT LEAST 5 BUILDINGS REMAIN. NUMEROUS BOMB CRATERS OBSERVED. HEAVY GROUND SCARRING OBSERVED IN OPEN AREA 1 NM EAST OF DEPOT. [REDACTED]	2026N 10533E	0616	25X1A [REDACTED]	490
25X1D	QUI HAU AMMUNITION DEPOT WEST 1.5 NM NW OF QUI HAU AND 1 NM NNE OF HAI HA AT UTM WH250805. COMOR [REDACTED] DOUBLE-SECURED STORAGE AREA CONTAINS 3 INTACT AND 20 DAMAGED STORAGE BUILDINGS. AN ACTIVE VEHICLE DRIVER TRAINING AREA 2 NM SE CONTAINS NUMEROUS FIGURE 8S, DISPERSED AND CAMOUFLAGED VEHICLE PARKING AREAS, AT LEAST 3 BARRACKS, NUMEROUS SUPPORT BUILDINGS, AND EXTENSIVE TRENCHING. [REDACTED]	2037N 10514E	0616		283
25X1A	HOA BINH ARMY BARRACKS 2.4 NM SE OF HOA BINH AT UTM WH369983. COMOR [REDACTED] BARRACKS AREA CONTAINS 10 BARRACKS, 1 ADMINISTRATION, 2 STORAGE, 2 MESSHALL, AND 6 MISCELLANEOUS ASSOCIATED BUILDINGS AND A	2047N 10521E	0616		317

25X1C

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>TRAINING AREA IMMEDIATELY EAST.</p> <p>[REDACTED]</p>			25X1A	
25X1A	<p>HAIPHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF HAIPHONG/KIEN AIRFIELD.</p> <p>COMOR [REDACTED]</p>	2048N 10638E	0616	[REDACTED]	109-G
25X1D	<p>FENCED AREA CONTAINS 42 REVETTED STORAGE BUILDINGS, 13 STORAGE REVETMENTS, APPROXIMATELY 25 MISCELLANEOUS BUILDINGS</p> <p>[REDACTED]</p>				
25X1D	<p>[REDACTED]</p> <p>CONSTRUCTION APPEARS TO BE CONTINUING. PREVIOUSLY REPORTED BUILDINGS UNDER CONSTRUCTION OBSCURED BY HEAVY HAZE.</p> <p>[REDACTED]</p>				
25X1D	<p>[REDACTED]</p>			25X1A	
25X1A	<p>DIEN BIEN PHU HQ 316 INFANTRY BRIGADE TEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD.</p> <p>COMOR [REDACTED]</p> <p>AREA A (1.2 NM NNW AT UTM TJ928685) -- AREA RAZED.</p> <p>AREA B (1.2 NM NW AT UTM TJ917679) -- 6 BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS.</p> <p>AREA C (0.7 NM NE AT UTM TJ947677) -- AREA RAZED, ONLY 6 BUILDINGS REMAIN INTACT. SEVENTEEN DESTROYED, 4 DAMAGED, AND 16 DISMANTLED BUILDINGS.</p> <p>AREA D (1.1 NM ENE AT UTM TJ957677) -- 12 BARRACKS, 3 ADMINISTRATION, 3 PROBABLE AMMUNITION STORAGE, 2 VEHICLE MAINTENANCE, 2 MESSHALL, AND 7 MISCELLANEOUS SUPPORT BUILDINGS.</p>	2119N 10301E	0616	[REDACTED]	105-A

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25X1C

R-368/65

CONFIDENTIAL

25X1D

25X1A

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AREA E (0.3 NM SOUTH AT UTM TJ938659) -- AREA COMPLETELY DESTROYED. FOURTEEN DESTROYED, 1 DAMAGED, AND 1 DISMANTLED BUILDING.</p> <p>AREA F (0.5 NM EAST AT UTM TJ947655) -- 2 LARGE AND 3 SMALL ADMINISTRATION, 3 MESSHALL (1 DISMANTLED), 1 LARGE STORAGE, NUMEROUS SMALL SUPPORT, AND 7 DISMANTLED SUPPORT BUILDINGS.</p> <p>AREA G (1 NM ESE AT UTM TJ957660) -- 3 BARRACKS, 1 MESSHALL, AND 10 SMALL SUPPORT BUILDINGS REMAIN.</p> <p>AREA H (0.8 NM SSE AT UTM TJ947655) -- AREA HAS BEEN BOMBED AND 20 DAMAGED BUILDINGS REMAIN.</p> <p>AREA I (1.6 NM SSE AT UTM TJ938637) -- 10 BARRACKS, 2 ADMINISTRATION, 12 MISCELLANEOUS SUPPORT BUILDINGS, AND 7 DISMANTLED BUILDINGS.</p> <p>AREA J (AT DIEN BIEN PHU AT UTM TJ939627) -- AREA HAS BEEN BOMBED. ONLY 16 SCATTERED BUILDINGS REMAIN.</p> <p>[REDACTED]</p> <p>BAN PHIENG HAY AMMUNITION DEPOT IN BAN PHIENG HAY VICINITY.</p> <p>COMOR [REDACTED]</p> <p>AREA A -- AREA HEAVILY CRATERED. SIX-TO-EIGHT POSSIBLE STORAGE BUNKERS ON LOOP ROAD AND 2 SUPPORT BUILDINGS ON ACCESS ROAD APPEAR INTACT. NO SIGN OF RECENT ACTIVITY NOTED.</p> <p>AREA B -- 2 SEVERELY DAMAGED AND 2 PARTIALLY DAMAGED BUILDINGS REMAIN WITHIN HEAVY PERIMETER TRENCHING.</p>				
	2124N 10356E	0616	25X1A	351-A

25X10

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>[REDACTED]</p> <p>NGHIA LO ARMY BARRACKS IN NGHIA LO VICINITY. FOUR ASSOCIATED BARRACKS AREAS REFERENCED FROM NGHIA LO. COMOR [REDACTED]</p>	2136N 10430E	0616	25X1A	133-B
25X1A	<p>AREA A (IMMEDIATELY SW AT UTM VJ487884) -- APPROXIMATELY 40 BARRACKS AND 5 ADMINISTRATION-TYPE BUILDINGS. AREA B (0.5 NM SE AT UTM VJ499879) -- APPROXIMATELY 40 BARRACKS, 1 U-SHAPED DISMANTLED ADMINISTRATION, AND APPROXIMATELY 45 STORAGE/SUPPORT BUILDINGS AND ONE 4-GUN MEDIUM AAA SITE, OCCUPIED. AREA C (1 NM SSW AT UTM VJ485870) -- 7 BARRACKS AND 4 SUPPORT BUILDINGS. AREA D (4.5 NM SE AT UTM VJ566844) -- 5 PROBABLE BARRACKS (1 DISMANTLED) AND 1 ADMINISTRATION BUILDING.</p>				
25X1D	<p>[REDACTED]</p> <p>HANOI MINISTRY OF NAT DEF ARMY & MIL ZONE HQ CENTER OF HANOI. COMOR [REDACTED]</p>	2102N 10550E	0616	25X1A	112-A
25X1A	<p>WALLED INSTALLATION CONTAINS 41 BARRACKS-TYPE, 41 ADMINISTRATION-TYPE, 48 STORAGE, 16 MAINTENANCE-TYPE, 17 QUARTERS, AND APPROXIMATELY 90 MISCELLANEOUS BUILDINGS.</p>				
25X1D	<p>[REDACTED]</p> <p>HANOI ARMY SUPPLY DEPOT NNE 4.5 NM NE OF HANOI RAILROAD CLASSIFICATION</p>	2104N 10553E	0616		114-D

25X10

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	YARD AT UTM WJ930295. CCMGR [REDACTED] WALLED MAIN DEPOT AREA (HANOI ARMY SUPPLY DEPOT NE THUONG CAT, BE NO [REDACTED]) CONSISTS OF AN OPEN STORAGE AREA, 5 LARGE WAREHOUSES, 6 SMALL VENTILATED BUILDINGS, 2 VEHICLE MAINTENANCE SHEDS, 1 LARGE TRANSSHIPMENT BUILDING, 39 SUPPORT BUILDINGS, AND 15 GABLE-ROOF, 5 MONITOR-ROOF, 4 LARGE PEAKED-ROOF, AND 14 SMALL PEAKED-ROOF STORAGE BUILDINGS. A WALLED, RAIL-SERVED POL STORAGE AREA ADJACENT TO AND NE OF THE MAIN AREA CONTAINS 32 VERTICAL STORAGE TANKS (26 LARGE AND 6 SMALL), 3 LARGE WAREHOUSES, 5 GABLE-ROOF AND 2 MONITOR-ROOF STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 16 SUPPORT BUILDINGS UNDER CONSTRUCTION. CB -- 30 CARGO TRUCKS.				
25X1D	[REDACTED]			25X1A	
25X1A	QUANG KHE NAVAL BASE CUU DINH THREE SEPARATE AREAS ON THE NORTH AND SOUTH BANKS OF SONG GIANG (RIVER). COMOR [REDACTED] AREA A (ON NORTH BANK OF RIVER AT UTM XE570582) -- 1 T-HEAD PIER, 3 BARRACKS, 1 ADMINISTRATION, AND 4 SUPPORT BUILDINGS HAVE BEEN DAMAGED OR DESTROYED BY AIRSTRIKE. A BOAT REPAIR FACILITY WEST OF INSTALLATION CONTAINS 1 WINCH HOUSE AND A DAMAGED MARINE RAILWAY. AREA B (ON SOUTH BANK AT UTM XE574575) -- 1 L-SHAPED AND 2 SMALL FINGER PIERS. SIX BARRACKS, 2 ADMINISTRATION BUILDINGS, 1 MESSHALL, 4 SUPPORT BUILDINGS, AND 2 BOAT SHELTERS HAVE BEEN DESTROYED. THREE BARRACKS,	1742N 10629E	0617	[REDACTED]	288

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25X1C


	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	18 BARRACKS/STORAGE (11 DAMAGED), 1 ADMINISTRATION, 1 LARGE VEHICLE MAINTENANCE, AND 26 SMALL SUPPORT BUILDINGS REMAIN. AREA C (JUST EAST OF AREA B AT UTM XE582574) -- 11 BARRACKS, 1 STORAGE-TYPE, 1 MESSHALL, AND 8 SMALL SUPPORT BUILDINGS. VESSELS -- NONE OBSERVED.				
25X1D				25X1A	
	BA DON NAVAL BASE 2 NM SE OF BA DON, ON EAST BANK RAO NAY (RIVER). COMOR  FACILITIES INCLUDE T-HEAD PIER WITH ONLY HEAD REMAINING, A FINGER PIER, AND VERY MINOR SUPPORT FACILITIES. OB -- 1 PARTIALLY SUBMERGED SWATOW. ACTIVITY -- ONE 8-GUN MEDIUM UNOCCUPIED AAA SITE.	1743N 10626E	0617		102-D
25X1A					
25X1D				25X1A	
25X1A	HON GIO MILITARY BARRACKS AREA ILE DU TIGRE SW END OF ILE DU TIGRE. COMOR  FORMER BARRACKS AREA ON SOUTHERN PORTION OF ISLAND CONTAINS BUILDING FOUNDATIONS AND NUMEROUS BOMB CRATERS. EXTENSIVE TRENCH SYSTEM OVERLOOKS BEACH	1710N 10720E	0617		354

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	ON THE EASTERN SIDE OF THE ISLAND. [REDACTED]			25X1A	
25X1A	BAI DUC THON HIGHWAY CONVOY STAGING AREA AT BAI DUC THON ON ROUTE 12 AT UTM WE901953. COMOR [REDACTED] PREVIOUSLY REPORTED BUILDINGS IN CONVOY STAGING AREA HAVE BEEN RAZED AND ONLY SITES REMAIN. OB -- NONE OBSERVED. [REDACTED]	1802N 10551E	0617	[REDACTED]	242-B
25X1D	[REDACTED]				
25X1A	VINH MILITARY INSTALLATIONS SIX MILITARY INSTALLATIONS IN VINH AREA. COMOR [REDACTED] AREA A (IN VINH AT UTM WH710643, VINH ARMY BKS CITADEL, [REDACTED] -- 25 BARRACKS- TYPE, 7 ADMINISTRATION, 13 STORAGE, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS. AREA B (0.9 NM NW OF VINH CITADEL AT UTM WF700655, VINH HQ MIL REGION IV, [REDACTED] -- 27 BARRACKS, 12 ADMINISTRATION, 8 STORAGE, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. AREA HEAVILY STRUCK. APPROXIMATELY 60 BUILDINGS DAMAGED/DESTROYED. AREA C (1.5 NM NW OF VINH AT UTM WF696664, VINH ARMY BKS NW, [REDACTED] -- 13 BARRACKS, 2 ADMINISTRATION/SUPPORT, 2 STORAGE, AND 1 MESSHALL BUILDING AND APPROXIMATELY 10 MISCELLANEOUS SHEDS. AREA D (1.5 NM EAST OF VINH AT UTM WF696664, VINH ARMY SUPPLY DEPOT EAST, [REDACTED] [REDACTED] -- 18 BUILDINGS DESTROYED AND 35	1840N 10541E	0617		128-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>BUILDINGS DAMAGED. NO RECONSTRUCTION NOTED. AREA E (2 NM ENE OF VINH AT UTM WF742658) -- BARRACKS AREA CONTAINS 10 BARRACKS, 1 LARGE PROBABLE ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. AREA ADJACENT ON NW CONTAINS 1 DESTROYED AND 4 DAMAGED SUPPORT BUILDINGS. TWO LARGE BOMB CRATERS OBSERVED.</p> <p>AREA F (2.3 NM EAST OF VINH AT UTM WF749646) -- BARRACKS AREA CONTAINS 9 BARRACKS, 1 MESSHALL, 8 SUPPORT (1 BEING DISMANTLED), AND SEVERAL MISCELLANEOUS BUILDINGS.</p>  <p>PHUC LOI NAVAL BASE 6.3 NM NE OF VINH AT PHUC LOI (UTM WF785707). COMOR [REDACTED] TARGET HAS BEEN SUBJECTED TO AIR STRIKE. FACILITIES INCLUDE A T-HEAD PIER, 1 FINGER PIER WITH PONTON WHARF, 2 DAMAGED MARINE RAILWAYS, 1 LARGE SEVERELY DAMAGED BARRACKS, 18 STORAGE/SUPPORT BUILDINGS (13 DESTROYED, 1</p>				
25X1D			25X1A	
25X1A	1844N 10545E	0617		128-M

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25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D SEVERELY DAMAGED), A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED BUILDINGS. VESSELS -- NONE OBSERVED. [REDACTED]				
25X1A PHU VAN AMMUNITION DEPOT EAST 2 NM SE OF PHU VAN AT UTM WF332820. COMOR [REDACTED] AREA HAS BEEN SUBJECTED TO AIR STRIKE. THREE BUILDINGS REMAIN INTACT. NUMEROUS BOMB CRATERS OBSERVED. [REDACTED]	1850N 10519E	0617	25X1A [REDACTED]	306-D
25X1D [REDACTED]				
25X1A PHU VAN AMMUNITION DEPOT NORTHEAST 2.7 NM ENE OF PHU VAN AT WF345841. COMOR [REDACTED] DEPOT HAS BEEN SUBJECTED TO AIR STRIKE. NO BUILDINGS REMAIN. [REDACTED]	1850N 10519E	0617	[REDACTED]	306-P
25X1D [REDACTED]				
25X1A MUONG SEN ARMY SUPPLY DEPOT 0.5 NM SE OF MUONG SEN ON BOTH SIDES OF ROUTE 7 AT UTM VG115446. COMOR [REDACTED] ALL BUILDINGS HAVE BEEN DESTROYED OR DISMANTLED. SIX LARGE CRATERS OBSERVED IMMEDIATELY WEST OF BARRACKS AREA. NO EVIDENCE	1923N 10408E	0617	[REDACTED]	117

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>OF CURRENT MILITARY ACTIVITY OBSERVED.</p> <p>[REDACTED]</p>	1918N 10520E	0617	25X1A	291-C
25X1A	<p>PHU QUI AMMUNITION DEPOT SOUTHWEST 3 NM SW OF PHU QUI.</p> <p>CCMR [REDACTED]</p> <p>FENCED DEPOT CONTAINS 26 DISPERSED CAMOUFLAGED STORAGE BUILDINGS (5 DESTROYED, 10 HEAVILY DAMAGED, 11 POSSIBLY DAMAGED) AND 2 SUPPORT AND 3 SMALLER DESTROYED BUILDINGS.</p> <p>SUPPORT AREA TO THE EAST CONTAINS APPROXIMATELY 30 BUILDINGS (3 HEAVILY DAMAGED). A SMALL SUPPORT AREA IMMEDIATELY WEST AND ADJACENT TO THE DEPOT CONTAINS APPROXIMATELY 15 DESTROYED BUILDINGS.</p> <p>A SECURED AREA JUST SOUTH OF THE DEPOT CONTAINS 4 LIGHTLY DAMAGED BUILDINGS.</p> <p>[REDACTED]</p>				
25X1D	<p>BASIC SERVICES</p> <p>HAIPHONG THERMAL POWERPLANT ON SOUTH BANK OF THE CUA CAM (ESTUARY), 1.9 NM NE OF HAIPHONG AT UTM XJ782086.</p>	2051N 10641E	0616	25X1A	109-0

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	COMDR [REDACTED] FACILITIES INCLUDE A T-SHAPED BOILERHOUSE/ GENERATOR HALL WITH 2 SMALL STACKS, APPARENTLY SERVING LOCAL INDUSTRY.				
25X1D	[REDACTED]			25X1A	
25X1A	VINH RAILROAD YARD U/C 1.2 NM NNW OF VINH. COMDR [REDACTED] AREA A (UTM WF700670) -- A TURNING WYE, WHICH TERMINATES IN A CONCRETE LOCOMOTIVE RETMENT, 3 COMPLETED SPURS, 1 SPUR UNDER CONSTRUCTION, A LOADING RAMP, AND 3 SUPPORT/ STORAGE BUILDINGS. A LARGE TERMINAL BUILDING IS UNDER CONSTRUCTION AT UTM WF702662 (AT TERMINUS OF A NEW RAIL SPUR). AREA B (UTM WF704665) -- 3 LARGE POSSIBLE STORAGE, 2 DESTROYED/DISMANTLED, AND APPROXIMATELY 5 MISCELLANEOUS SMALL BUILDINGS. AREA C (UTM 2F702660) -- TRANSHIPMENT AREA CONNECTED TO ROUTE 1 BY PRIMARY ROAD, HAS BEEN SEVERELY DAMAGED WITH 1 LARGE BUILDING PROBABLY DAMAGED AND SEVERAL SMALL MISCELLANEOUS BUILDINGS DESTROYED. ADJACENT SUPPORT AREA CONTAINS 11 BUILDINGS, INCLUDING 2 MULTIWINGED BUILDINGS. RAILS THROUGHOUT YARD HAVE BEEN INTERDICTED BY NUMEROUS BOMB CRATERS.	1841N 10540E	0617	[REDACTED]	128-F
25X1D	[REDACTED]				

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]				
25X1A	TAM DA RR AND HWY BRIDGE OVER SONG CUA LO 7.1 NM NORTH OF VINH AIRFIELD ON ROUTE ACROSS SONG CUA LO RIVER AT 18-51N 105-39E. COMOR [REDACTED] THREE-SPAN, APPROXIMATELY 450 X 25 FT, THROUGH-TYPE, REINFORCED CONCRETE AND STEEL, RAILROAD AND HIGHWAY BRIDGE IS UNSERVICEABLE WITH NORTHERN 2 SPANS IN RIVER AND ROADBED ON BOTH SIDES OF RIVER HEAVILY DAMAGED. SITE OF OLD HIGHWAY BRIDGE 400 FT WEST HAS IMPROVED ENTRANCE AND EXIT ROADS AND IS PROBABLY USED AS A SITE FOR A HEAVY PONTON BRIDGE. THREE SECTIONS OF HEAVY PONTON BRIDGE ARE OBSERVED ANCHORED WITHIN 1 NM OF BRIDGE. A 3-SECTION LIGHT PONTON BRIDGE IS IN PLACE APPROXIMATELY 1,200 FT NW OF THE DESTROYED BRIDGE. TWO SECTIONS OF THE LIGHT PONTON BRIDGE ARE SHORE-ANCHORED AND THE 3RD IS ATTACHED, BUT OPEN.	1850N 10539E	0617	25X1A [REDACTED]	158-B
25X1D	[REDACTED]				
25X1D	PHUONG CAN HWY BRIDGE OVER SONG HOANG MAI 2 NM NW OF PHUONG CAN. TWO SPANS OF BRIDGE DESTROYED. PONTON FOOTBRIDGE CROSSES RIVER APPROXIMATELY 0.5 NM EAST. FERRY CROSSING OBSERVED IMMEDIATELY WEST OF BRIDGE. NO FERRY OBSERVED.	1914N 10542E	0617	25X1A [REDACTED]	171-B
25X1D	[REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>THANH HOA RR AND HWY BRIDGE OVER SONG MA 2.5 NM NE OF THANH HOA AT UTM WG836936. TWO-SPAN, THROUGH, STEEL-TRUSS RAILROAD AND HIGHWAY BRIDGE. APPROACHES HAVE BEEN REPAIRED AND BRIDGE IS PROBABLY CAPABLE OF SUSTAINING VEHICLES ON RAIL PORTION OF BRIDGE ONLY. THE HIGHWAY PORTION HAS BEEN REMOVED. VEHICULAR PONTON BRIDGE SEGMENTS OBSERVED ON EITHER SIDE OF THE SONG MA (RIVER), APPROXIMATELY 1,000 FT SOUTH OF THE RAILROAD AND HIGHWAY BRIDGE. RAILROAD TRACK HAS BEEN LAID ON THE APPROACHES TO THE BRIDGE.</p>	1950N 10548E	0617	25X1A	126-D
<p>PORTS AND HARBORS</p> <p>CAM PHA PORT FACILITIES ON GULF OF TONKIN 3 NM EAST OF CAM PHA. COMOR FACILITIES SERVING COAL MINING INDUSTRY IN THE AREA COMPRISE A LARGE COALING QUAY WITH 4 OVERHEAD CRANES CAPABLE OF BERTHING OCEAN- GOING VESSELS, A COAL STORAGE AREA WITH 5 OVERHEAD CRANES, AND A LARGE CLASSIFICATION YARD WITH ASSOCIATED STORAGE AND MAINTENANCE FACILITIES. VESSELS -- 2 LARGE FREIGHTERS.</p>	2102N 10722E	0615	25X1A	106

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	HAIPHONG CHANNEL CHANNEL CONTAINS MODERATE SMALL RIVER COAST TRAFFIC. COMOR [REDACTED] NO DREDGES, ANTI-SWIMMER NETS, OR MINES OBSERVED. VESSELS -- 1 LARGE FREIGHTER.	2050N 10640E	0616		109-C
25X1D	[REDACTED]				
25X1D	VESSELS -- NONE OBSERVED.			25X1A	
25X1A	HAIPHONG PORT FACILITIES ON SOUTH BANK OF THE CUA CAM (ESTUARY). COMOR [REDACTED] FACILITIES INCLUDE AN APPROXIMATELY 4,000-FT LONG WHARF (SERVED BY 17 RAMPS), NUMEROUS SMALL DOCKS AND PIERS, A SHIP REPAIR YARD WITH 4 MARINE RAILWAYS, 12 LARGE WAREHOUSES, NUMEROUS STORAGE AND SUPPORT BUILDINGS, A LARGE POL STORAGE AREA, A THERMAL POWERPLANT, AND AN ACTIVE CEMENT PLANT. VESSELS -- 3 LARGE, 4 MEDIUM, AND 3 SMALL FREIGHTERS.	2052N 10642E	0616		109-D
25X1D	[REDACTED]				
25X1D	OB -- 3 SWATOW-CLASS PGM. VESSELS -- 3 LARGE, 3 MEDIUM, AND 3 SMALL FREIGHTERS.			25X1A	
	HANOI PORT FACILITIES ON WEST BANK OF THE RED RIVER AT UTM	2101N 10551E	0616		112-S

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	WJ909228. COMOR [REDACTED] FACILITIES CONSIST OF 1 OFFSHORE WHARF WITH OVERHEAD CRANE AND NUMEROUS SMALL COALING PIERS NEARBY. NO MAJOR TRANSSHIPMENT ACTIVITY OBSERVED.				
25X1D	[REDACTED]			25X1A	
	BEN THUY PORT FACILITIES 2.2 NM SE OF VINH ON WEST BANK OF SONG CA (RIVER) AT UTM WF750620.	1839N 10542E	0617	[REDACTED]	128-D
25X1A	COMOR [REDACTED] COMPLEX COMPRISES 4 STORAGE AREAS WITH APPROXIMATELY 45 STORAGE BUILDINGS (15 DESTROYED, 8 DAMAGED); A LARGE SAWMILL, AN OFFSHORE WHARF, AND 1 WAREHOUSE PARTIALLY DESTROYED BY AN AIR STRIKE. THE THERMAL POWERPLANT AND RECONSTRUCTED RAIL SPUR HAVE BEEN SUBJECTED TO AN AIR STRIKE AND ARE BOTH UNSERVICEABLE. VESSELS -- ONE CAPSIZED COASTAL FREIGHTER AT OFFSHORE WHARF.				
25X1D	[REDACTED]				
	STORAGE HANGI PETROLEUM PRODUCTS STORAGE BAC MAI 0.7 NM NE OF BAC MAI AIRFIELD AT UTM	2059N 10550E	0616	25X1A	112-T

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	WJ878218. COMOR [REDACTED] SECURED ABANDONED AREA CONTAINS 3 MEDIUM AND 1 SMALL POL STORAGE TANK. [REDACTED]				
25X1D	[REDACTED]			25X1A	
	HAIPHONG PETROLEUM STORAGE AREA NW EDGE OF HAIPHONG ON SOUTH BANK OF CUA CAM (ESTUARY). COMOR [REDACTED]	2053N 10640E	0616	[REDACTED]	109-M
25X1A	THREE STORAGE AREAS CONTAIN 12, 10, AND 8 VERTICAL TANKS, RESPECTIVELY. A BUNKERING PIER AND APPROXIMATELY 25 SUPPORT BUILDINGS SERVE THE AREA. [REDACTED]				
25X1D	[REDACTED]				
	VINH PETROLEUM PRODUCTS STORAGE 3 NM EAST OF VINH AT UTM WF761644. COMOR [REDACTED]	1840N 10543E	0617	[REDACTED]	128-E
25X1A	WALLED AREA CONTAINS 3 LARGE TANKS (2 DESTROYED, 1 HEAVILY DAMAGED), 5 MEDIUM TANKS (4 DESTROYED, 1 PROBABLY DAMAGED), 6 SMALL TANKS (ALL HEAVILY DAMAGED), 2 MEDIUM UNDERGROUND TANKS, 5 HORIZONTAL TANKS, AND APPROXIMATELY 10 SUPPORT BUILDINGS. [REDACTED]				
25X1D	[REDACTED]				

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25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
URBAN COMPLEXES			25X1A	
25X1A HANOI COMPLEX COMOR [REDACTED] ROAD-, RAIL-, AND RIVER-SERVED INDUSTRIAL COMPLEX CONTAINS NUMEROUS LIGHT INDUSTRIES AND 25X1A LIMITED PORT FACILITIES (HANOI PORT FACILITIES, [REDACTED] SEVERAL MILITARY INSTALLATIONS WITH NUMEROUS BARRACKS AND SUPPORT FACILITIES OBSERVED.	2101N 10551E	0616	[REDACTED]	112
25X1D [REDACTED]				
LAI CHAU COMPLEX ON ROUTE 41. 25X1A COMOR [REDACTED] PRIMARILY RESIDENTIAL COMPLEX, LESS THAN 2 SQ MI IN AREA, WITH 2 SMALL MILITARY CAMPS, ONE 1 NM SOUTH AND ONE 0.5 NM NE. SEVERAL DEFENSE POSITIONS OBSERVED.	2203N 10309E	0616	[REDACTED]	118-B
25X1D [REDACTED]				
25X1A LAO CAI COMPLEX COMOR [REDACTED] COMPLEX CONTAINS LIGHT INDUSTRY, A MILITARY BARRACKS AND STORAGE AREA, AND A CLASSIFICATION YARD, 1,800 FT LONG AND 8 TRACKS WIDE. ROUTE 4 HEADING SE AND UNNUMBERED ROUTE LEADING NE SHOW ROAD IMPROVEMENT ACTIVITY.	2231N 10359E	0616	[REDACTED]	5
25X1D [REDACTED]				
25X1A THANH HOA COMPLEX COMOR [REDACTED]	1948N 10546E	0617	[REDACTED]	126

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25X1C

[REDACTED]

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>COMPLEX, 1 SQ MI IN AREA, CONTAINS A RAILROAD YARD, SEVERAL SMALL LIGHT INDUSTRIES, AND SEVERAL SMALL BARRACKS AREAS.</p> <p>[REDACTED]</p>				

25X1D

APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); PC (partial coverage); O (obliquity); and PQ (poor image quality).

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25X1C [REDACTED]

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Approved For [REDACTED] 4800010042-0
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